

Appl. No. 10/267,272
Amdt. Dated 2/1/2006
Reply to Office Action of October 4, 2005

Amendments to the Specification:

Please replace paragraph [0004] with the following amended paragraph:

[0004] In order to mitigate the effects of Vcc droop, on-die power supply de-coupling and on-die Vcc filtering techniques are often used. However, on-die de-coupling using conventional MOS gate capacitors is becoming increasingly impractical due to the high MOS gate leakage. Low leakage on-die capacitors are typically area intensive and inefficient. On-die Vcc filtering can typically only be applied to a limited number of devices due to the additional voltage drop and leakage. Moreover, since on-die capacitors are needed for the Vcc filters, this technique suffers the same drawback as on-die Vcc de-coupling due to the on-die capacitor constraints.

Please replace paragraph [0024] with the following amended paragraph:

[0024] The rise setting from CMCR 120 are coupled to a second circuit that comprises transistors 430-435. The output of the first circuit is coupled to the gate of transistor 437. Buffer 440 is coupled between the first circuit and transistor 437 to help provide drive strength. The transistors 430-435 determine the amount of current that flows from transistor 436 to transistor 437. The second circuit may be enabled or disabled through transistor 438. When the second circuit is disabled, transistor 439 is asserted, which sets the gate of transistor 436 to Vcc.